

1 I CLAIM:

2

3 1. An illumination device, comprising, in
4 combination:

5 a) an elongated portable carrier including
6 a housing and a longitudinally elongated window,

7 b) multiple LEDs carried to emit light
8 toward and through the window,

9 c) and circuitry associated with the
10 housing to supply electrical power to the LEDs, said
11 circuitry incorporating resistor, capacitor and diode
12 elements to reduce AC input voltage to a level or
13 levels for supply to the LEDs.

14

15

16 2. The combination of claim 1 wherein said
17 LEDs are spaced apart longitudinally to face toward
18 said window.

19

20

21 3. The combination of claim 2 wherein the
22 LEDs are located in at least one row, the longitudinal
23 spacing of LEDs in said row being at least about 1.75
24 centimeters.

25

1 4. The combination of claim 3 wherein there
2 are two substantially parallel rows of said LEDs.

3

4

5 5. The combination of claim 4 wherein the
6 longitudinal spacing of said LEDs in at least one row
7 is about 2 centimeters, there being between 13 and 18
8 LEDs in said row.

9

10

11 6. The combination of claim 5 wherein there
12 are two parallel rows of said LEDs, and an elongated
13 substrate supporting the LEDs.

14

15

16 7. The combination of claim 3 including an
17 elongated substrate supporting the LEDs, said carrier
18 being hollow, and said substrate and LEDs located
19 within the carrier.

20

21

22 8. The combination of claim 7 wherein the
23 carrier includes an elongated generally tubular body
24 defining said window.

25

26

1 9. The combination of claim 8 wherein said
2 body comprises a transparent plastic tube.

3
4
5 10. The combination of claim 8 including a
6 sleeve fitting over one end portion of the body, said
7 circuitry located in the body inwardly of said sleeve.

8
9
10 11. The combination of claim 10 including a
11 hook associated with the opposite end portion of the
12 body.

13
14
15 12. The combination of claim 1 wherein said
16 carrier is generally tubular, and has an overall
17 diameter of between 2 ½ and 4 centimeters.

18
19
20 13. The combination of claim 12 including an
21 elongated LED support extending within the tubular
22 carrier, said LEDs facing said window, said body also
23 supporting said circuitry.

24
25
26